

CONCRETE COMPOSITION FOR INSTANT STRIPPING TYPE CONCRETE PRODUCTION PROCESS

Publication number: JP2002053361

Publication date: 2002-02-19

Inventor: UEHARA NOBUO; NAGAOKA SEIICHI; FUKAMI TOKUJI; ISHII MITSUHIRO; SAWAI JUICHI; MURAI HIRONOBU

Applicant: SUMITOMO OSAKA CEMENT CO LTD; SHIKOKU ELEC POWER; YONDEN SANGYO CO LTD

Classification:

- **International:** C04B28/02; B28B3/02; C04B18/08; C04B28/00; B28B3/02; C04B18/04; (IPC1-7): C04B28/02; B28B3/02; C04B18/08

- **European:**

Application number: JP20000242716 20000810

Priority number(s): JP20000242716 20000810

[Report a data error here](#)

Abstract of JP2002053361

PROBLEM TO BE SOLVED: To obtain a concrete composition which is appropriately used for an instant stripping type concrete production process and capable of shortening the compaction time of concrete, smoothing the surface of the resulting concrete product, and further, easily corresponding to any change in quality of aggregate used, without greatly changing a conventional instant stripping type concrete production process. **SOLUTION:** This concrete composition contains a coarse-grained fraction of fly ash, which fraction is obtained by removing fine grains having $\leq 20 \mu\text{m}$ grain size from the fly ash and has a ≤ 10 wt.% content of such fine grains having $\leq 20 \mu\text{m}$ grain size.

Data supplied from the **esp@cenet** database - Worldwide

LS ANSWER '56 OF 575 CA COPYRIGHT 2004 ACS on STN
AN 136:171583 CA
ED Entered STN: 07 Mar 2002
TI Concrete composition for immediate form removing process
IN Uehara, Nobuo; Nagaoka, Seiichi; Tokami, Tokuji; Ishii, Mitsuhiro; Sawai,
Toshikazu; Murai, Hironobu
PA Sumitomo Osaka Cement Co., Ltd., Japan; Shikoku Electric Power Co., Inc.;
Shiden Sangyo K. K.
SO Jpn. Kokai Tokkyo Koho; 5 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
IC ICM C04B028-02
ICS B28B003-02; C04B018-08
CC 58-2 (Cement, Concrete, and Related Building Materials)
PAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002053361	A2	20020219	JP 2000-242716	20000810
PRAI	JP 2000-242716		20000810		

AB The title concrete compn. contains cement, coarse aggregate,
fine aggregate, coarse fly ash contg. ltoreq.10 wt. \mu
fine particles having diam. ltoreq.20 .mu.m , and water, wherein
the content of the coarse fly ash is 20-200 kg per 1
 m^3 of the concrete compn. The compaction time is shortens and the surface
of concrete products can be smoothened.
ST fly ash concrete compn immediate form removal
IT Concrete
(concrete compn. contg. coarse fly ash for
immediate form removing process)
IT Ashes (residues)
(fly; concrete compn. contg. coarse fly ash for
immediate form removing process)